

Message Text

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12-67

ACTION EUR-12

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FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC 9423

UNCLAS MOSCOW 5422

C O R R E C T E D C O P Y (TEXT)

E.O. 11652: N/A

TAGS: ENRG US UR

SUBJECT: US-USSR ENERGY AGREEMENT: FAST BREEDER REACTORS

PASS ERDA

1. EMBASSY HAS RECEIVED COPY OF KAZACHKOVSKIY LETTER TO DR. T. NEMZEK REGARDING JOINT SYMPOSIUM ON FAST BREEDER REACTORS (FBR'S) IN THE USSR IN JUNE. ORIGINAL LETTER SENT BY INTERNATIONAL MAIL.
2. RESPONDING TO NEMZEK'S NOVEMBER 1, 1974 LETTER, KAZACHKOVSKIY SAYS SOVIET EXPERTS HAVE GIVEN SERIOUS CONSIDERATION TO POINTS RAISED IN NEMZEK'S LETTER REGARDING DEVELOPMENT OF COOPERATION IN AREA OF FBR'S. KAZACHKOVSKIY AGREES COMPLETELY THAT COMPLETE UNDERSTANDING OF EACH COUNTRY'S FBR PROGRAMS NECESSARY IN ORDER FOR FRUITFUL COOPERATION.
3. KAZACHKOVSKIY HOPES POINTS/TOPICS RAISED BY NEMZEK WILL BE DISCUSSED AT SECOND SESSION OF JOINT FBR COORDINATING COMMITTEE AND THAT MUTUALLY ACCEPTABLE DECISIONS ON THESE WILL BE REACHED AT THAT TIME.

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4. SOVIETS UNDERSTAND THAT, AS PREVIOUSLY AGREED, SECOND SESSION OF COORDINATING COMMITTEE WILL BE HELD IN US IN JULY OR AUGUST. (MYAKINKOV OF SCAE HAS INFORMED EMBOFF THAT SEPTEMBER SESSION WOULD ALSO BE QUITE ACCEPTABLE. EMBASSY WISHES TO POINT OUT AUGUST IS TRADITIONAL VACATION PERIOD IN USSR AND MANY SCIENTISTS ARE SIMPLY UNWILLING TO TRAVEL ABROAD DURING THAT MONTH.)

5. AS INDICATED IN MYAKINKOV/KINTNER LETTER OF MARCH 4 (SUMMARY FOLLOWS IN PARA 9 BELOW), SOVIETS PROPOSE THAT JOINT SEMINAR ON "EXPERIENCE AND PROBLEMS IN THE CONSTRUCTION AND OPERATION OF FBR'S WITH SODIUM COOLANTS" TAKE PLACE IN OBNINSK FOR FOUR DAYS BEGINNING JUNE 2, 1975. FOLLOWING SEMINAR, US PARTICIPANTS WILL BE GIVEN OPPORTUNITY TO VISIT SOVIET INSTALLATIONS EMPLOYING FBR'S.

6. SOVIET SPECIALISTS PROPOSE FOLLOWING TOPICS FOR DISCUSSION AT SEMINAR:

(A) SELECTION AND OPTIMIZATION OF BASIC PHYSICAL AND THERMOPHYSICAL PARAMETERS FOR FUTURE LARGE FBR'S;

(B) BASIC PRINCIPLES OF GROUPING (KOMPONOVKI). RELIABILITY AND REPAIRABILITY;

(C) EXPERIMENTAL BASIS OF PRINCIPAL PROBLEMS OF WORK/LOAD CAPABILITY OF ATOMIC POWER INSTALLATIONS;

(D) EXPERIENCES GAINED FROM OPERATION OF EXISTING FBR'S.

7. KAZACHKOVSKIY REQUESTS SOONEST RESPONSE TO ABOVE-PROPOSED TOPICS AND, IN ANY EVENT, NOT LESS THAN ONE MONTH BEFORE SEMINAR. AT SAME TIME, TEXTS OF US REPORTS TO BE DELIVERED AT SEMINAR ARE ALSO REQUIRED TO ENSURE TIMELY PUBLICATION. NAMES AND BRIEF BIOGRAPHICAL INFORMATION OF US DELEGATES ALSO REQUESTED.

8. FIRST LISTING OF WORKS OF SOVIET SPECIALISTS PREPARED AND WILL BE PROVIDED SOON.

9. MYAKINKOV/KINTNER LETTER OF MARCH 4 ALSO ADDRESSES PLANNING UNCLASSIFIED

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FOR OBNINSK SEMINAR. REFERRING TO KINTNER LETTER OF MAY 29, 1974. MYAKINKOV STATES IT POSSIBLE MAKE AVAILABLE INFORMATION REGARDING SOVIET REACTORS BR-5, BR-10, BOR-60, BN-350 AND BN-600. MYAKINKOV ADDS, HOWEVER, THAT DATA ON THESE REACTORS ALREADY PROVIDED AT INTERNATIONAL CONFERENCES. THEREFORE, SOVIETS PROPOSE SEMINAR TOPICS LISTED IN PARA 6 ABOVE.

10. SOVIET EXPERTS REQUEST US DELEGATION REPORTS ON FERMI AND EVR-P REACTORS, GIVE PRIMARY ATTENTION TO THEIR OPERATING EXPERIENCE WITH LESS ATTENTION TO DESCRIPTIONS OF CONSTRUCTION. SOVIETS ALSO ANTICIPATING US EXPERTS WILL PRESENT REPORT ON CONSTRUCTION OF DEMO-1 AND SRVRR REACTORS. SOVIETS PLANNING LIMIT REPORTS TO 10-12 FROM EACH DELEGATION.

11. COPIES OF REFERENCED LETTERS BEING POUCHED TO ERDA, REGISTRY NO. 2404044.

12. PLEASE ADVISE ASAP.
STOESSEL

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NNN

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